

MESSAGE FROM THE IReSES PRESIDENT AND VICE PRESIDENT

International Society of Remote Sensing and Earth Sciences (IReSES) is a scientific forum which is formed to study Earth Sciences and Remote Sensing through mutual understanding and international collaboration with emphasis on fostering sciences and capabilities in developed and developing countries, especially in the South-East Asia region. IReSES was established in September 2003 initially based on participation of individual scientists, then extended with the involvements of universities, research institutions, government agencies and private institutions.

Prof. Yasuhiro Sugimori, the founder of IReSES and the Director of the Center for Remote Sensing and Ocean Science, Udayana University (CReSOS/UNUD), Bali Indonesia, passed away on the 5th of September, 2008. He had been a well known scientist in the field of Oceanography and Remote Sensing. In particular, he was the strongest advocate to promote the international cooperation in this field. We, as his followers, shall never forget his contribution to IReSES. I, Professor of Yamaguchi University and the acting director of CReSOS/UNUD, a successor of the President of IReSES, have been working with him in this field since the establishment of IReSES in 2003.

Generally, the developed and developing countries in South-East Asia have research priorities which should be done devotedly and intensively, among others in research related with: 1) the utilization of marine resources in the ocean and coastal area, 2) natural disaster, 3) space management, design and construction of coastal area and deep ocean, 4) pollution control in coastal and marine area, and 5) environmental support capacity upon construction activities, such as shrimp aquaculture pond, tourism, residential area, industrial area, agricultural, etc. IReSES is expected to contribute to the above research priorities.

The main objective of the IReSES is to promote studies of the oceans and related geosciences using remote sensing technology through international collaboration. The scientific topics are widely range, such as greenhouse effect, ENSO, Natural disasters, pollution, sea level rise and other climatic variability in South-East Asia, ocean circulation, ocean color, marine optics, miscellaneous oceanographic information, underwater acoustics, coastal zone management, fisheries oceanography, etc.

The scientists not only in developed but also in developing countries provide better opportunities for learning and applying the state of the art in Earth Remote Sensing, including space data, pursuing studies in underwater development, information technology, environmental sciences, exploration of marine resources, etc. The promotion is implemented through international symposium, conferences, and training courses.

The fifth edition of the IJReSES provides an effective way to disseminate the scientific results among the members, marine scientists and other interested people. The journal has also the role for facilitating the view exchange and discussion on special topics by scientists or readers. This is in conformity with the annual international symposium conducted by IReSES which could be used as a forum for scientific exchange and promotion of ocean studies with related earth sciences. It is expected that the scientists in South-East Asia and its surrounding, as well as other international scientists could use this journal as a medium for disseminating research results.

Denpasar - Bali, September 2009.

Prof. Tasuku Tanaka
Ratih Dewanti Dimyati

Editorial Committee Preface

Dear Readers,

Welcome to the sixth issue of the International Journal of Remote Sensing and Earth Sciences. This journal is expected to enrich the serial publications on earth sciences, in general, and remote sensing in particular, not only in Indonesia, but also in Asia countries.

The contents of this journal are particular interest to remote sensing as the main data for geosciences, oceanography, marine biology, fisheries, meteorology, etc. Inside this sixth edition, there are varieties of topics discussed, including natural disasters, ocean color, mariculture, pelagic fish, and oceanography.

This journal is intended, among others, to complement information on Remote Sensing and Earth Sciences, and also encourage young scientists in Indonesia and Asian countries to contribute their thoughts. Therefore, we would like to invite young scientists to manifest their ideas through research papers, short reports, introduction of new products, and other materials as stated in the information to contributions. We are looking forward to receiving your manuscripts for this journal.

Editor-in-Chief,

Dr. Orbita Roswintarti

Editorial Committee Members
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